

Title (en)  
PUMP USING MULTI VOLTAGE ELECTRONICS WITH RUN DRY AND OVER CURRENT PROTECTION

Title (de)  
PUMPE MIT MEHRSPANNUNGSELEKTRONIK MIT TROCKENLAUF- UND ÜBERSTROMSCHUTZ

Title (fr)  
POMPE UTILISANT DE L'ÉLECTRONIQUE MULTITENSION ET ÉQUIPÉE D'UNE PROTECTION CONTRE LE FONCTIONNEMENT À SEC ET LA SURINTENSITÉ

Publication  
**EP 2788624 B1 20200318 (EN)**

Application  
**EP 12856042 A 20121207**

Priority  
• US 201161567960 P 20111207  
• US 2012068441 W 20121207

Abstract (en)  
[origin: WO2013086317A1] A pump has a signal processor, including one forming part of a printed circuit board assembly, that receives signaling containing information about a voltage supplied to a motor to run a particular pump model, and also containing information about whether a current draw of the pump is lower than a predetermined low current level or is higher than a predetermined high current level; and determines whether to shut off the pump after a predetermined time, based on the signaling received. The signal processor provides control signalling to shut off the pump after the predetermined time if the current draw of the pump is lower than the predetermined low current level or is higher than the predetermined high current level, where the predetermined low current level and the predetermined high current level depend on the voltage being supplied to the motor to run the particular pump model.

IPC 8 full level  
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